



Substitute for form 1449A/PTO			Complete if Known		
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)			Application Number	10/691,942	
			Filing Date	October 22, 2003	
			First Named Inventor	CHISHTI, MUHAMMAD	
			Art Unit	3732	
			Examiner Name	WILSON, JOHN J.	
Sheet	1	of	9	Attorney Docket Number	018563-005820US

U.S. PATENT DOCUMENTS+					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number Kind Code ² (if known)			

FOREIGN PATENT DOCUMENTS								
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		Country Code ³	Number ⁴	Kind Code ⁵ (if known)				
gn	1	EP	0091876	A1	10-19-1983	Duret		<input checked="" type="checkbox"/>
gn	2	EP	0299490	A2	01-18-1989	Steinbichler et al.		<input checked="" type="checkbox"/>
gn	3	EP	0376873	A2	07-04-1990	Shafir		<input type="checkbox"/>
gn	4	EP	0490848	A2	06-17-1992	Nobelpharma AB.		<input type="checkbox"/>
gn	5	EP	0541500	A1	06-12-1998	Nobelpharma AB		<input type="checkbox"/>
gn	6	EP	0731673	B1	09-18-1998	Andersson et al.		<input type="checkbox"/>
gn	7	EP	0774933	B1	05-28-1997	Oden et al.		<input type="checkbox"/>
gn	8	FR	2652256	A1	03-29-1991	Jourda		<input checked="" type="checkbox"/>
gn	9	FR	2369828	A1	06-02-1978	Suyehiro		<input checked="" type="checkbox"/>
gn	10	WO	90/08512	A1	08-09-1990	Dolphin Imaging Systems		<input type="checkbox"/>
gn	11	WO	91/04713	A1	04-18-1991	Jourda et al.		<input type="checkbox"/>
gn	12	WO	94/10935	A1	05-26-1994	Ormco Corporation		<input type="checkbox"/>
gn	13	WO	98/44865	A1	10-15-1998	Nobel Biocare		<input type="checkbox"/>
gn	14	WO	98/58596	A1	12-30-1998	Align Technology		<input type="checkbox"/>

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JW	15	ALEXANDER et al., "The DigiGraph Work Station Part 2, Clinical Management," JCO (July 1990), pp. 402-407.		
JW	16	ALTSCHULER et al., "Measuring Surfaces Space-Coded by a Laser-Projected Dot Matrix," SPIE Imaging Applications for Automated Industrial Inspection and Assembly, vol. 182 (1979), p. 187-191.		
JW	17	ALTSCHULER et al., "Analysis of 3-D Data for Comparative 3-D Serial Growth Pattern Studies of Oral-Facial Structures," IADR Abstracts, Program and Abstracts of Papers, 57th General Session, IADR Annual Session, March 29, 1979 - April 1, 1979, New Orleans Marriot, Journal of Dental Research, Vol. 58, January, 1979, Special Issue A, p. 221.		
JW	18	ALTSCHULER et al., "Laser Electro-Optic System for Rapid Three-Dimensional (3D) Topographic Mapping of Surfaces," Optical Engineering, Vol. 20(6) (1981), pp. 953-961.		
JW	19	ALTSCHULER, "3D Mapping of Maxillo-Facial Prosthesis," AADR Abstract #607, 1980, 1 page total.		
JW	20	American Association for Dental Research, Summary of Activities, March 20-23, 1980, Los Angeles, CA, p. 195.		
JW	21	ANDERSSON et al., "Clinical Results with Titanium Crowns Fabricated with Machine Duplication and Spark Erosion," Acta Odontologica Scandinavica, vol. 47 (1989), pp. 279-286.		
JW	22	BAUMRIND et al., "A Stereophotogrammetric System for the Detection of Prosthesis Loosening in Total Hip Arthroplasty," NATO Symposium on Applications of Human Biostereometrics, July 9-13, 1978," SPIE Vol. 166, pp. 112-123.		
JW	23	BAUMRIND et al., "Mapping the Skull in 3-D, Reprinted from The Journal, California Dental Association, Vol. 48, No. 2 (1972 Fall Issue) 11 pages total.		
JW	24	BAUMRIND, "A System for Craniofacial Mapping Through the Integration of Data from Stereo X-Ray Films and Stereo Photographs," An invited paper submitted to the 1975 American Society of Photogram. Symposium on Close-Range Photogram. Systems, University of Ill., Aug. 26-30, 1975, pp. 142-166.		
JW	25	BAUMRIND, "Integrated Three-Dimensional Craniofacial Mapping: Background, Principles, and Perspectives," Seminars in Orthodontics, Vol. 7, No. 4 (Dec. 2001), pp. 223-232.		
JW	26	BEGOLE et al., "A Computer System for the Analysis of Dental Casts," The Angle Orthodontist, Vol. 51 No. 3 (July 1981), pp. 253-259.		
JW	27	BERNARD et al., "Computerized Diagnosis in Orthodontics for Epidemiological Studies: A Progress Report", Abstracts of Papers, Journal of Dental Research; Vol. 67, Special Issue March 9-13, 1988, p.128.		
JW	28	BHATIA et al., "A Computer-Aided Design for Orthognathic Surgery," British Journal of Oral and Maxillofacial Surgery, Vol. 22 (1984), pp. 237-253.		
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JW	29	BIGGERSTAFF et al., "Computerized Analysis of Occlusion In The Postcanine Dentition," <i>American Journal of Orthodontics</i> , Vol. 61, No. 3 (Mar. 1972), pp. 245-254.	
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	41	CRAWFORD, "CAD/CAM In the Dental Office: Does It Work?" <i>Canadian Dental Journal</i> , Vol. 57, No. 2 (Feb. 1991), pp. 121-123.	
JW	42	CROOKS, "CAD/CAM Comes to USC," <i>USC Dentistry</i> , (Spring 1990) pp. 14-17.	

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<i>ju</i>	43	CURETON, "Correcting Malaligned Mandibular Incisors With Removable Retainers" <i>J. Clin. Orthod.</i> , 30:390-395, 1996.		
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<i>ju</i>	58	FRIEDE et al., "Accuracy of Cephalometric Prediction in Orthognathic Surgery," "Abstract of Papers," <i>Journal of Dental Research</i> , Vol. 70 (1987), pp. 754-760.		

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gw	59	GIM-ALLDENT Deutschland, "Das DUX System: Die Technik" 2 pages total.	
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gw	73	KESLING, "The Philosophy of the Tooth Positioning Appliance" <i>Am. J. Orthod. Oral. Surg.</i> , 31(6):297-304, 1945.	

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<i>gn</i>	74	KLEEMANN et al., "The Speed Positioner" <i>J. Clin. Orthod.</i> , 30:673-680, 1996.	
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT				<i>Application Number</i>	10/691,942
				<i>Filing Date</i>	October 22, 2003
				<i>First Named Inventor</i>	CHISHTI, MUHAMMAD
				<i>Art Unit</i>	3732
				<i>Examiner Name</i>	WILSON, JOHN J.
(use as many sheets as necessary)				<i>Attorney Docket Number</i>	018563-005820US
Sheet	8	of	9		

NON PATENT LITERATURE DOCUMENTS				
Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.		T ²
<i>JW</i>	105	U.S. Department of Commerce, National Technical Information Service, "Automated Crown Replication Using Solid Photography SM," Solid Photography Inc. Melville NY, October 1977, 20 pages total.		
<i>JW</i>	106	U.S. Department of Commerce, National Technical Information Service, "Holodontography: An Introduction to Dental Laser Holography," School of Aerospace Medicine Brooks AFB Tex, March 1973, 37 pages total.		
<i>JW</i>	107	U.S. Provisional Patent Application No. 60/050342, filed on June 20, 1997, 41 pages total.		
<i>JW</i>	108	VAN DER LINDEN et al., "Three-Dimensional Analysis of Dental Casts by Means of the Optocom," <i>J Dent Res</i> , July-August 1972, Vol. 51, No. 4, p. 1100.		
	109	VAN DER LINDEN, "A New Method to Determine Tooth Positions and Dental Arch Dimensions," July-August 1972, p. 1104.		
	110	VAN DER ZEL, "Ceramic-fused-to-metal Restorations with a New CAD/CAM System," <i>Quintessence International</i> , vol. 24(11) (1993), pp. 769-778.		
	111	VARADY et al., "Reverse engineering of geometric models---an introduction. Computer-Aided Design, 29 (4):255-268, 1997.		
	112	WARUNEK et al., "Clinical use of silicone elastomer appliances" <i>JCO</i> , MH (10):694-700, 1989.		
	113	WARUNEK et al., "Physical And Mechanical Properties of Elastomers In Orthodontic Positioners" <i>Am. J. Orthod. Dentofac. Orthop.</i> , 95:388-400, 1989.		
	114	WELLS, "Application of the Positioner Appliance in Orthodontic Treatment" <i>Am. J. Orthodont.</i> , 58:351-366, 1970.		
	115	WILLIAMS, "Dentistry and CAD/CAM: Another French Revolution," <i>Journal of Dental Practice Admin.</i> , Jan./March 1987, pp. 2-5.		
	116	WILLIAMS, "The Switzerland and Minnesota Developments in CAD/CAM," <i>Journal of Dental Practice Admin.</i> , pp. 50-55, April/June 1987.		
	117	WISHAN, "New Advances in Personal Computer Applications for Cephalometric Analysis, Growth Prediction, Surgical Treatment Planning and Imaging Processing," Symposium: Computerized Facial Imaging in Oral and Maxillofacial Surgery Presented on September 13, 1990, AAOMS 72nd Annual Meeting and Scientific Sessions, Sept. 13, 1990, New Orleans, <i>Journal of Oral and Maxillofacial Surgery</i> , Vol. 48, no. 8, Supp. 1, August 1990, p. 5.		
<i>JW</i>	118	YAMAMOTO et al., "Three-Dimensional Measurement of Dental Cast Profiles and Its Applications to Orthodontics," Annual Int'l Conf. of IEEE Engineering in Medicine and Biology Society, Vol. 12, No. 5, pp. 2051-2053, 1990		

Examiner Signature	<i>John Wilson</i>	Date Considered	5/6/05
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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 809. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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<i>ju</i>	119	YAMAMOTO et al., "Optical Measurement of Dental Cast Profile and Application to Analysis Of Three-Dimensional Tooth Movement in Orthodontics," <i>Frontiers in Med. and Biol. Eng'g</i> , Vol. 1, No. 2 (1988), pp. 119-130.	

Examiner Signature	<i>John Wilson</i>	Date Considered	<i>5/6/05</i>
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